

ESLOFIBER 6-12

100% POLYPROPYLENE FIBRES FOR CONCRETE AND MORTARS

It's a polypropylene fibre, specially designed to reinforce mortars and concrete. Once added to the mixture, the fibre scatters forming reinforcement net with better mechanical performance.

It's presented in filament forms, resistance to alkalis; it's easy to use as well as in mortars and concrete work, facilitates the mass forming a great resistance to damages and impacts.

Decreases cracks by retraction and permeability. ESLOFIBER 6-12 strengthens the resistance of the conventional mixtures of concrete or mortars, providing major resistance against impacts and abrasion, improving the flexion.

PROPERTIES:

Crack reduction by contraction, and permeability, increasing the resistance to impacts and tenacities.

Reinforcement material to cement alkalis does not corrode, does not rot or rust.

ESLOFIBER 6-12 does not affect on the hydration of mortars or concrete, being totally innocuous for its workability or plasticity.

Easy to use, secure and non toxic.

USES

It's specially indicated for its application in industrial pavements, compression mortars, prefabricated concrete, dry mixtures, revokes and pumped concrete.

INSTRUCTIONS FOR USE

Open the bag and pour its content straight into the cement mixer, any time of the mass or at the end of it.

Do never pour it into the mass water.

Increase at least another 5 minutes the mass time, once ESLOFIBER 6-12 it's poured.



CONSUMPTION

PARA MORTEROS ESLOFIBER 6	PARA HORMIGONES ESLOFIBER 12
50 Kg of cement: minimum 0,150 Kg	1 m3 concrete: 0,600 kg
35 Kg of cement: maximum 0,150 Kg	

Do not apply inferior or superior dosage.

COLOURS

White.

PACKING AND STORING

ESLOFIBER 6 is presented in hermetic bags of 0,150 kg according to EC packing and storing directives for chemical products.

ESLOFIBER 12 is presented in hermetic bags of 0,600 kg according to EC packing and storing directives for chemical products.

HYGIENE AND SAFETY

See product label.

Specifications			
ESLOFIBER 6		ESLOFIBER 12:	
Length:	6 mm	Length:	12 mm
Density:	0,91 g/dm ³	Density:	0,91 g/cm ³
Water absorption:	Negligible	Water absorption:	Negligible
Fibre frequency:	600 millions/kg	Fibre frequency:	300 millions/kg
Fibre diameter:	20 μ	Fibre diameter:	18 μ
Elasticity coefficient:	8 MPa	Elasticity coefficient:	8 MPa
Longitudinal breakage:	25 \pm 5%	Longitudinal breakage:	25 \pm 5%
Traction resistance:	400 MPa	Traction resistance:	400 MPa
Temperature of fusion:	160 $^{\circ}$ C \pm 10 $^{\circ}$ C	Temperature of fusion:	160 $^{\circ}$ C \pm 10 $^{\circ}$ C